

VICINITY MAP

## CONSTRUCTION PLANS FOR SARATOGA DOWNS UNIT 3

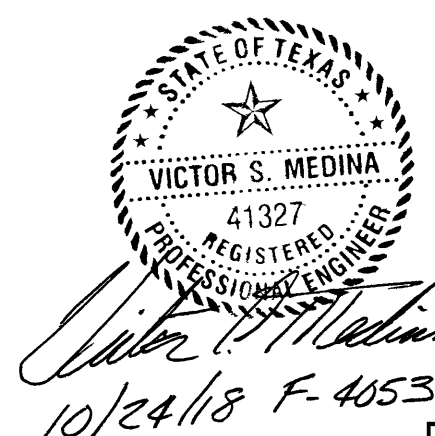
PROJECT # \_\_\_\_\_

PREPARED BY

MEDINA CONSULTANTS  
4531 AYERS STREET SUITE 225  
P.O. BOX 7129

CORPUS CHRISTI, TEXAS 78467-7129  
BUS. (361) 877-1255 FAX. (361) 993-2955

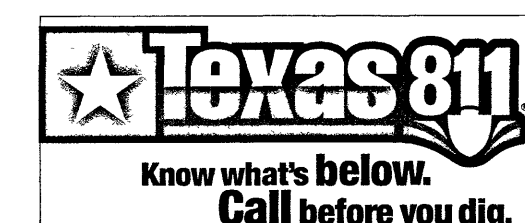
vsmedina48@gmail.com and/or homerserna@hotmail.com



SHEET INDEX	
SHEET NO.	DESCRIPTION
1 OF 20	TITLE SHEET
2 OF 20	PG-1 PAVING NOTES AND DETAILS
3 OF 20	PG-2 PAVING AND GRADING - STORM WATER - MARTIN STREET
4 OF 20	PG-3 PAVING AND GRADING - STORM WATER - MAN O' WAR DRIVE
5 OF 20	PG-4 PAVING AND GRADING - STORM WATER - KENTUCKY DERBY DRIVE
6 OF 20	PG-5 PAVING AND GRADING - STORM WATER - KENTUCKY DERBY DRIVE
7 OF 20	PG-6 PAVING AND GRADING - STORM WATER - SECRETARIAT DRIVE
8 OF 20	PG-7 PAVING AND GRADING - STORM WATER - SECRETARIAT DRIVE
9 OF 20	PG-8 PAVING AND GRADING - STORM WATER - BELMONT PARK DRIVE
10 OF 20	SS-1 SANITARY SEWER - MARTIN STREET
11 OF 20	SS-2 SANITARY SEWER - MAN O' WAR DRIVE
12 OF 20	SS-3 SANITARY SEWER - KENTUCKY DERBY DRIVE
13 OF 20	SS-4 SANITARY SEWER - KENTUCKY DERBY DRIVE
14 OF 20	SS-5 SANITARY SEWER - SECRETARIAT DRIVE
15 OF 20	SS-6 SANITARY SEWER - SECRETARIAT DRIVE
16 OF 20	U-1 UTILITY PLAN
17 OF 20	W-1 WATER PLAN
18 OF 20	SWQ-1 STORM WATER PLAN
19 OF 20	SWQ-2 DRAINAGE AREAS
20 OF 20	SWQ-3 STORM WATER CALCULATIONS

CITY STANDARDS INDEX	
CITY OF C.C. STORM WATER POLLUTION PREVENTION PLAN NOTES 1 OF 3	
CITY OF C.C. STORM WATER POLLUTION PREVENTION PLAN NOTES 2 OF 3	
CITY OF C.C. STORM WATER POLLUTION PREVENTION STANDARD DETAILS 3 OF 3	
CITY OF C.C. STORM WATER STANDARD DETAILS 1 OF 3	
CITY OF C.C. STORM WATER STANDARD DETAILS 2 OF 3	
CITY OF C.C. STORM WATER STANDARD DETAILS 3 OF 3	
CITY OF C.C. WASTE WATER STANDARD DETAILS 1 OF 4	
CITY OF C.C. WASTE WATER STANDARD DETAILS 2 OF 4	
CITY OF C.C. WASTE WATER STANDARD DETAILS 3 OF 4	
CITY OF C.C. WASTE WATER STANDARD DETAILS 4 OF 4	
CITY OF C.C. WATER STANDARD DETAILS 1 OF 4	
CITY OF C.C. WATER STANDARD DETAILS 2 OF 4	
CITY OF C.C. WATER STANDARD DETAILS 3 OF 4	
CITY OF C.C. WATER STANDARD DETAILS 4 OF 4	
CITY OF C.C. CONCRETE PAVEMENT STANDARD DETAILS	
CITY OF C.C. CURB, GUTTER AND SIDEWALK STANDARD DETAILS	
CITY OF C.C. PEDESTRIAN CURB RAMP STANDARDS 1 OF 4	
CITY OF C.C. PEDESTRIAN CURB RAMP STANDARDS 2 OF 4	
CITY OF C.C. PEDESTRIAN CURB RAMP STANDARDS 3 OF 4	
CITY OF C.C. PEDESTRIAN CURB RAMP STANDARDS 4 OF 4	

CALL BEFORE YOU DIG!



PARTICIPANTS REQUEST  
48 HOURS NOTICE BEFORE YOU DIG,  
DRILL, OR BLAST - STOP AND CALL  
811

THE LONE STAR  
NOTIFICATION COMPANY  
AT 1-800-669-8344

RELEASED FOR  
CONSTRUCTION: \_\_\_\_\_  
Director of Engineering Services \_\_\_\_\_ Date \_\_\_\_\_

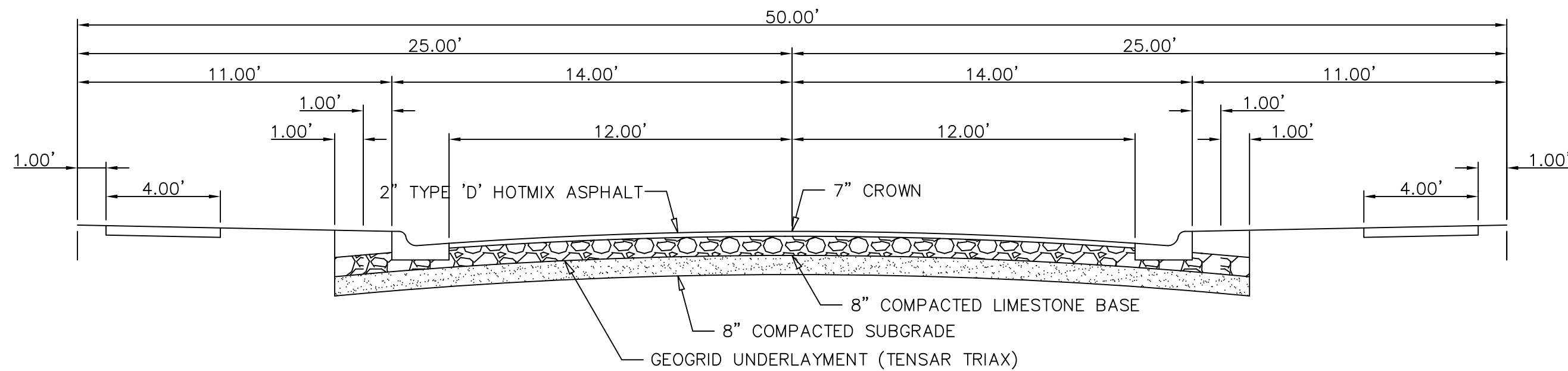
CONSULTANT'S SHEET  
PROJECT NO.

CITY of CORPUS CHRISTI  
TEXAS  
Department of Engineering Services

TITLE SHEET

SHEET 1 of 20  
RECORD DRAWING NO.

CITY PROJECT #



TYPICAL 50' R.O.W. STREET SECTION

SCALE: 1" = 4'

**SPECIFICATIONS:**

2" TYPE 'D' HOT MIX ASPHALTIC CONCRETE

8" LIMESTONE BASE (TYPE A, GRADE I); COMPACTED TO 98% STANDARD PROCTOR DENSITY

MOISTURE SHALL BE WITHIN ±3% OF OPTIMUM MOISTURE

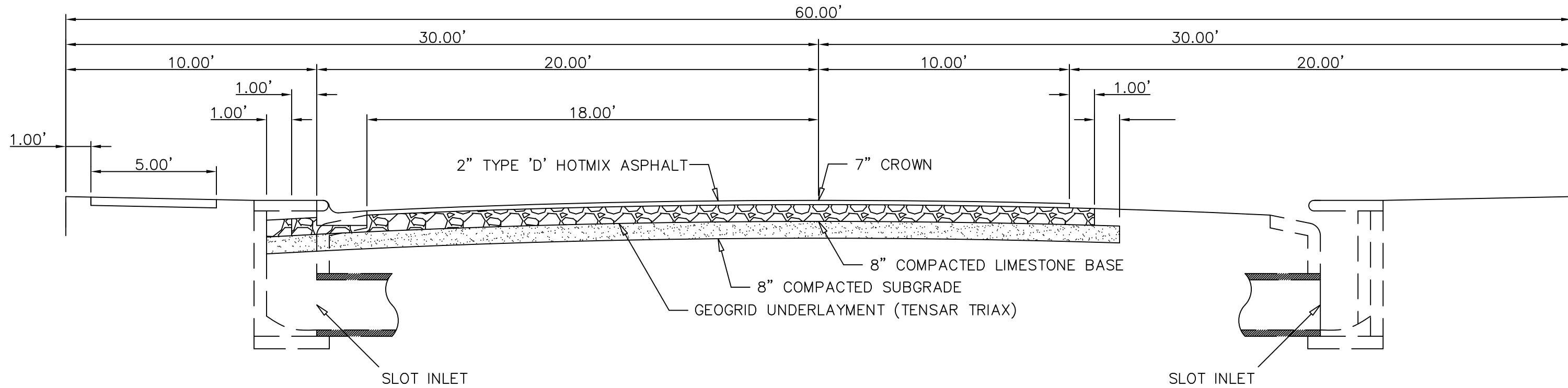
8" COMPACTED SUBGRADE (5% BY WEIGHT); COMPACTED TO 95% STANDARD PROCTOR DENSITY

MOISTURE SHALL BE WITHIN ±3% OF OPTIMUM MOISTURE

PRIME COAT MC-30 AT 0.15 GALLONS/ SQUARE YARD

**NOTE:**

FOR CLAY SOILS ONLY: LOCAL AND RESIDENTIAL COLLECTOR CROSS SECTIONS SHALL BE CONSTRUCTED OVER A 12-INCH SECTION OF COMPACTED RAW SUBGRADE TO 90% STANDARD PROCTOR. FROM WHICH THE 8-INCH LIMED SUBGRADE SHALL BE SCARIFIED AND CONSTRUCTED.



MARTIN STREET SECTION

SCALE: 1" = 4'

**SPECIFICATIONS:**

2" TYPE 'D' HOT MIX ASPHALTIC CONCRETE

8" LIMESTONE BASE (TYPE A, GRADE I); COMPACTED TO 98% STANDARD PROCTOR DENSITY

MOISTURE SHALL BE WITHIN ±3% OF OPTIMUM MOISTURE

8" COMPACTED SUBGRADE (5% BY WEIGHT); COMPACTED TO 95% STANDARD PROCTOR DENSITY

MOISTURE SHALL BE WITHIN ±3% OF OPTIMUM MOISTURE

PRIME COAT MC-30 AT 0.15 GALLONS/ SQUARE YARD

**NOTE:**

FOR CLAY SOILS ONLY: LOCAL AND RESIDENTIAL COLLECTOR CROSS SECTIONS SHALL BE CONSTRUCTED OVER A 12-INCH SECTION OF COMPACTED RAW SUBGRADE TO 90% STANDARD PROCTOR. FROM WHICH THE 8-INCH SUBGRADE SHALL BE SCARIFIED AND CONSTRUCTED.

GENERAL NOTES:

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY OF CORPUS CHRISTI STANDARDS AND PRACTICES.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY ALL APPROPRIATE UTILITY COMPANIES 48 HOURS PRIOR TO ACTUAL CONSTRUCTION FOR THE LOCATION OF EXISTING UTILITIES AND UNDERGROUND IRRIGATION SYSTEMS.
- BARRICADE AND TRAFFIC CONTROL SHALL COMPLY WITH "UNIFORM STANDARDS AND PRACTICES"; CORPUS CHRISTI, TEXAS.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS AND/OR PAYING ANY NECESSARY FEES PRIOR TO COMMENCING WORK. NO SEPARATE PAYMENT WILL BE ALLOWED.
- THE CONTRACTOR MUST COMPLY WITH PROVISIONS OF THE CITY OF CORPUS CHRISTI WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN AS AMENDED. COMPLIANCE INCLUDES INCORPORATION OF THE VARIABLE WATER CONSERVATION MEASURES ESTABLISHED FOR ENVIRONMENTAL CONDITIONS. CONTRACTOR MUST COMPLY WITH AND KEEP A COPY OF THESE PROVISIONS ON THE PROJECT SITE THROUGHOUT THE ENTIRE CONSTRUCTION.
- A PERMIT IS REQUIRED FOR ANY EXCAVATION IN PUBLIC RIGHT OF WAY. EXCAVATION MEANS AN ACTIVITY THAT CUTS PENETRATES, OR BORES UNDER ANY PORTION OF THE PUBLIC RIGHT OF WAY THAT HAS BEEN IMPROVED WITH A PAVED SURFACE FOR STREET, SIDEWALK, SURFACE DRAINAGE, OR RELATED PUBLIC TRANSPORTATION INFRASTRUCTURE PURPOSES. PERMITS WILL NOT BE ISSUED FOR ANY EXCAVATION IN ANY PUBLIC WAY THAT HAS BEEN CONSTRUCTED, RECONSTRUCTED, REPAVED, OR RESURFACED IN THE PRECEDING PERIOD OF FIVE YEARS FROM THE DATE OF ACCEPTANCE BY THE PUBLIC WORKS CONSTRUCTION ENTITY.

NOTE:

A DETECTABLE WARNING COMPLIANT WITH ADA, TAS, AND CITY OF CORPUS CHRISTI STANDARD DETAILS SHALL BE EMPLOYED AT JUNCTIONS OF PEDESTRIAN AND VEHICULAR TRAFFIC. CONTRACTOR SHALL COORDINATE WITH CITY INSPECTOR AND ENGINEER TO PROVIDE APPROPRIATE ACCESSIBLE ROUTE. THE PREFERRED METHOD IS TO PROVIDE WALKS, INCLUDING THEIR TIE-IN WITH STREETS, THAT MAINTAIN A 5% OR LESS LONGITUDINAL SLOPE. IF THIS IS NOT ACHIEVABLE CONTRACTOR, IN COOPERATION WITH CITY INSPECTOR AND ENGINEER, SHALL EMPLOY A RAMP AS DETAILED IN CITY OF CORPUS CHRISTI STANDARD DETAILS WHICH IS ALSO COMPLIANT WITH ADA AND TAS. CONTRACTOR IS RESPONSIBLE FOR THE APPROPRIATE APPLICATION AND CONSTRUCTION OF SIDEWALKS, RAMPS, AND TIE-INS WITH PUBLIC STREETS THAT FULLY CONFORM TO ADA AND TAS.

UTILITY NOTE:

THE LOCATION OF UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON VISIBLE ABOVE GROUND STRUCTURES AND THE CITY OF CORPUS CHRISTI GIS UTILITY MAP. LOCATIONS OF UNDERGROUND UTILITIES/STRUCTURES MAY VARY FROM LOCATIONS HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES. BEFORE EXCAVATION, PLEASE CONTACT THE APPROPRIATE AGENCIES FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD LOCATION.

NOTE:

ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.

NOTE:

CONTRACTOR SHALL VERIFY EXISTING TIE IN ELEVATIONS AT NATURAL GROUND AND AT STREET CONNECTIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION, AND SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES.

CURRENT CITY OF CORPUS CHRISTI CONTACT NOTIFICATION NOTE:  
CONTRACTOR TO CONTACT THE FOLLOWING 72 HOURS PRIOR TO ACTUAL START OF CONSTRUCTION:

UTILITY REPRESENTATIVE:

- WATER REPRESENTATIVE 826-1888
  - WASTEWATER REPRESENTATIVE 826-1818
  - GAS REPRESENTATIVE 885-6900
  - CITY TRAFFIC SIGNAL & FIBER OPTIC 826-1610
  - STREET SUPERINTENDENT 826-1875
  - STORMWATER SUPERINTENDENT 826-1875
- AFTER HOURS CALL 826-2489  
LONE STAR 811 1-800-669-8344

NOTE:

CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL PLAN AND ENGINEERING PERMIT TO WORK IN MARTIN STREET AND KENTUCKY DERBY DRIVE. THE CITY OF CORPUS CHRISTI TRAFFIC ENGINEERING DEPT. MUST APPROVE TRAFFIC CONTROL PLAN PRIOR TO START OF WORK.

PAVING NOTES AND DETAILS

SARATOGA DOWNS UNIT 3

PG-1

REVISIONS

DESCRIPTION

DATE

SHEET 2 OF 20

MEDINA ENGINEERING & SURVEYING

4531 AYERS STREET SUITE 225 P.O. BOX 7129 CORPUS CHRISTI, TEXAS 78467-7129  
BUS. (361) 877-1255 FAX (361) 993-2955



PROJECT NO.:

JOB NO. 18-0360

DRAWN BY: HJS

CHECKED BY: VSM

APPROVED BY: VSM

SCALE: AS SHOWN

DATE: 13 JANUARY 2019